TO ARCHITECTS, BUILDERS, CONTRACTORS, &c.

HARTLEY'S PATENT ROUGH PLATE GLASS,

1-8th thickly or 2 lbs. to the foot; 3-16ths, or 3 lbs.; and 1-4th, or 4 lbs. to the foot, for

RIDGE AND FURROW ROOFS, GREENHOUSES, RAILWAY STATIONS, ENGINE SHEDS, MILLS, MARKET HALLS, AND PUBLIC BUILDINGS GENERALLY.

It being universally admitted that Glass in Roofs of a permanent character should not be less than one-eighth of an inch thick, weighing two pounds to the foot, Messrs. JAMES HARTLEY and CO. have directed their attention to the manufacture of a description of

ROUGH PLATE GLASS THAT COMBINES SIZE AND STRENGTH WITH ECONOMY OF COST.

The PATENT ROUGH PLATE is manufactured in sizes expressly for Ridge and Furrow Roofs, giving a span of 9 or 6 to 12 feet, at a price not exceeding one-half the weight that of common Crown Glass. Not being transparent, blinds are unnecessary, and when used in Greenhouses no shading ensues; the HUNTSMAN'S PATENT, and strength renders it eminently suitable for the glazing of Conservatories and Roofs of all kinds; also Factories, Work-shops, &c., for which purposes it is supplied in squares of all sizes, from 6 by 6 inches and upwards.

For further information apply to Messrs. JAMES HARTLEY and Co., Wear Glass Works, Sunderland.

N.B.—The Patent Rough Plate is supplied at a much lower cost than the common Rough Plate.—May 1, 1861.

GLASS FOR CHURCHES, CHAPELS, SCHOOLS, &c.

HARTLEY'S PATENT QUARRY GLASS,

Of three thicknesses, in long lengths: an economical substitute for lead-lights. The attention of Architects, Builders, and others is particularly requested to this beautiful article; samples of which may be seen at

JOSEPH CHATER AND SON'S, ST. DUNSTAN'S-HILL, TOWER-STREET, LONDON.

GLASS TILES, ¾ of an inch thick, packed in cases containing fifty, 2l. 10s. per case net.

JAMES PHILLIPS and CO. beg to inform builders and the trade they supply SUPERIOR FOREIGN SHEET GLASS in cases of 100 feet, at 20s., 40s., and 60s. per case. STAINED and ORNAMENTAL GLASS, 1s. per foot. Hartley's Patent Rough Plate and Patent Quarry Glass.—116, Bishopsgate-street Without.

TO BUILDERS, PLUMBERS, &c.

JAMES MILES'S cheap ENGLISH and FOREIGN WINDOW GLASS WAREHOUSE, 18, Church-street, Shoreditch, near the Eastern Counties Railway Terminus. Cases of foreign sheet, various sizes, 40s. per 100 feet; crates of sheet, 14 to 16oz., 35s. per box; ditto, crown C C, 14, 28s. per crate; patent plate; Hartley's ROUGH PLATE; stained, enamel, ground, and ornamental glass; crown squares of every size in stock; sheet lead; pipe; patent gas pipe; solder and plumbers' brass work of all kinds; white lead, oils and colours, at low prices: LARGE STOCK of PAPER-HANGINGS; old lead bought in any quantity, or taken in exchange. Sashes glazed and primed in oil at very low prices, in any quantity.

BELGIAN SHEET-GLASS.—ALFRED GOSLETT begs to inform the Trade that he is prepared to supply the above Glass of good quality, and 16 ounces to the foot, upon the following cash terms:—In single cases, containing 200 feet (more included), 42s.; parcels of five cases, at 42s.; parcels of ten cases, at 39s. per case; or cut to any given size, at 2d. per foot.

SOHO CROWN, SHEET, ORNAMENTAL, and PLATE-GLASS WAREHOUSE, 20, SOHO-SQUARE.

SASH GLAZING.—A. ADAMSON, 20, Dunns-street, Berkeley-square, begs to acquaint Builders and the Trade, he is Glazing Sashes with CROWN or SHEET GLASS, at 3½d. per foot sup. Every description of Glass cut to size and in crates, may be had on the very lowest remunerative prices. Ornamental and Stained Glass to every variety.—Terms Cash.

CHEAP ORNAMENTAL GLASS.—I beg to inform my friends and the public that I have now completed a new ENGINE, and, owing to the facility with which I can execute orders, I am enabled to reduce my former prices considerably. The prices are now from ONE SHILLING PER FOOT SUP. and Borders from SIXPENCE PER FOOT SUP. A large quantity of the cheapest patterns always in stock. Re-leading and stained work on the most moderate terms.—CHARLES LONG, No. 1, King-street, Baker-street, Portman-square.—Cash only.

E. and W. H. JACKSON beg to call the attention of Builders and the Trade to the LOW PRICES of their PATENT PLATE GLASS, BRITISH PLATE, silvered and for glazing, of unrivalled quality and finish: ROUGH PLATE, CROWN, SHEET, COLOURED, and ORNAMENTAL GLASS, to every variety of the best manufacture, at the lowest terms. Designs and estimates furnished for ornamental windows either for house or church decoration. All applications for estimates and lists of prices to be made at their warehouses, 315, OXFORD-STREET.

THOMAS MILLINGTON begs to inform BUILDERS and the Trade that he can supply them with FOREIGN and ENGLISH WINDOW GLASS, Plain and Coloured, of every description. ROUGH PLATE GLASS from ¼ inch to 1 inch thick, 48inch Partition, Skylight, &c. &c. 24in. Lamp Panels, Coburg, Gilt, Vermilion, Brunswick, &c.; Milled and Sheet Lead. Lead Pipe from ¼ inch to 6 inches bore; Solder, Water-closets, Basins, Plumbers' and Brass Work of every description, and upon the very best terms. Glass Ornament Shades, Milk pans, Propagating and Bee Glasses.—Address, 87, Bishopsgate-street Without. See Advertisement, Saturday, June 29, 1861.

PATENT and BRITISH PLATE GLASS. JAMES HARTLEY and Co. beg to inform Architects, Builders, and the Trade generally, that their new Tariff of Prices for the above will be sent on application; they will also, on receipt of particulars, furnish Estimates for any description of Glass now manufactured.—Plate, Sheet, Crown, and Ornamental Window Glass Warehouse, 33, Soho-square, London.

HOT-HOUSE and DAIRY-GLASS.—Glass, in small sizes for pit frames; strong Sheet and Rough Plate, for conservatories, churches, railway stations, factories, &c.; Fern Temples, Fern Shades, and the greatest variety of Garden Glasses of any house in London. Patent Glass Pens, Glass Churns, Glass Milk Pans, Syphons, Lactometers, Glass Pantry shelves, and other useful glass. Great novelties in ornamental glass adapted for presents.—For priced catalogues and estimates, apply to Messrs. COGAN and Co., Window Glass and Glass Shade Warehouse, 46, Leicester-square, London.

GLASS MOSAIC.—GEORGE HENRY STEVENS, Decorative Artist in Mosaic, begs leave to offer to the notice of the Nobility, Gentry, and Architects, specimens of the beautiful art of Glass Mosaic. Having studied working in mosaic for some years past, he is now prepared to execute panel or other decoration in ornamental pavement, also combined with the introduction of heraldic decorations. G. H. S. respectfully solicits an inspection of his chaste Mosaic Tables. The mosaic is well suited for side-boards, pier and console tables, chess tables and boards; or in the place of marble, &c., &c., in internal decorations, being composed entirely of enamel glasses, embedded in a very strong cement, that renders it as durable as stone or marble. N.B.—Some of the specimens removed from the Fine Art Court of the Great Exhibition, are now on view at the depôt, 14, Stafford-row, Buckingham-gate, Pimlico.

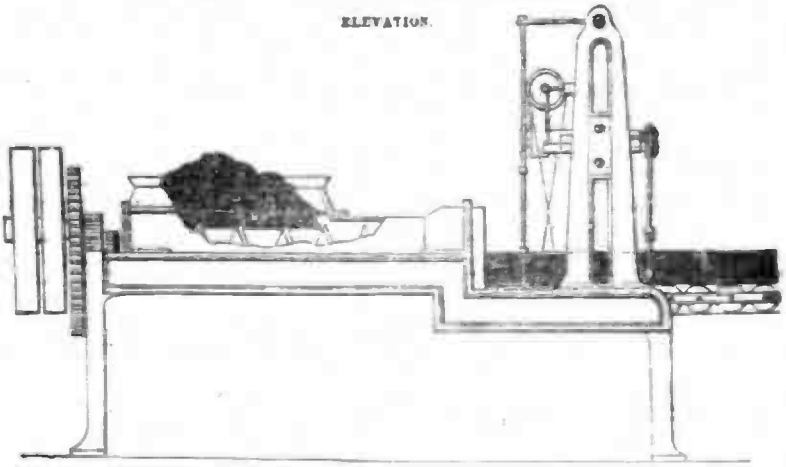
HEAL and SON'S ILLUSTRATED CATALOGUE of BEDSTEADS, sent free by post, contains 160 actual prices of upwards of One Hundred different Bedsteads, in Iron, Brass, japanned Wood, polished Birch, Mahogany, Rosewood, and Walnut-tree Woods; also their priced List of Bedding, and their new warerooms enable them to keep one of each design fixed for inspection. They have also, in addition to their usual stock, a great variety of the best designs of PARISIAN BEDSTEADS, both in wood and iron, which they have just imported.—HEAL and SON, Bedstead and Bedding Manufacturers, 196 (opposite the Chapel), Tottenham-court-road.

RANDELL AND SAUNDERS'S PATENT MACHINE,

FOR THE

IMPROVED MANUFACTURE OF BRICKS, TILES, & PIPES.

ELEVATION.



In this machine are combined the two objects so long sought in brick machines—a press which forces the clay through a die without cessation so long as the clay is supplied to the machine, and a perpetual self-acting cutter, which severs the clay the required lengths without interfering with its progress.

The clay, in a rough state, is thrown upon the screws by the person employed to fill the machine; the screws, in revolving, thoroughly pug the clay, and also force it forwards into a chamber at the other end of the cylinder in which they revolve; from this chamber the clay is allowed to issue through a die, and it is obvious that the strength of clay must take the form of the opening through which it passes, and this opening can be made of the form required to make bricks, tiles, pipes, and other descriptions of ware.

When it is necessary to give the ends of the bricks a corrugated shape, this can be done by attaching a teeth to the cylinder of the cutter; this knife revolves with the cylinder, and is made the shape required for the ends of the bricks which form it imparts to the bricks in cutting them. This arrangement is stamped for insuring Messrs. RANDELL and SAUNDER'S Patent Dovetail Bricks, for stronger purposes, which make a drain of much greater strength than the stoneware or retinare pipes, and is far less costly.

The machine is self-acting—the attendants have merely to put in the clay, and remove the bricks, or other ware, which may be produced.

When worked with two horse power, the machine will produce 1,000 bricks, or 1,000 3-inch pipes, per hour; more power can be applied if desirable, and a larger result obtained.

The screws propel the clay without taking air in with it; thus the wire cuts out free from the imperfections which are so often seen in the ware produced by piston presses; and the loss so generally incurred by waste in burning, from the expansion of the air in the ware, is avoided.

The moderate price of this machine, and the simplicity of its construction, place it within the reach of almost every person in the trade, both as to cost and management. It not only lessens the cost of labour required in the process of brick making, but, as the clay can be used in a much drier state than it can be when worked by the hand, the time occupied in drying is much less; and, when hollow bricks are made, a material saving is effected in the cost of manufacture and burning. In consequence of the great compression given to the clay in its transit, ware of very superior quality is produced.

For price and further particulars apply to RANDELL and SAUNDERS, Bath.

A SAVING of TIME and MATERIALS with solidity of building.

NATHAN GOUGH'S PATENT PORTABLE STEAM-ENGINES of 2, 3, 4, and 6-horse power, for grinding mortar, raising building materials, driving piles, circular saws, pumps, &c., 68, Albert-street, Manchester.

TESTIMONIAL

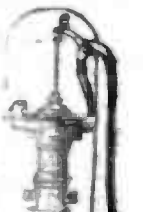
from Charles Barry, Esq.:—

23, Great George-street, Westminster, London, Dec. 27, 1858.

Mr. Nathan Gough,

Sir,—I have for Mr Barry, the pleasure of replying to your request of the 6th inst., for a testimonial of the working of three steam-engines you have supplied to the New Houses of Parliament at Westminster, by saying that they have fully answered the purposes for which they were required, viz., hoisting the building materials; and two of the three have been at work for some years, with very little repairs, and with considerable economy of fuel.—I am, Sir, your obedient servant,

Per pro CHARLES BARRY,
ALFRED MERSON.



TO BUILDERS AND PLUMBERS

The attention of the Trade is called to

JOHN WARNER & SONS' PATENT VIBRATING STANDARD PUMP,

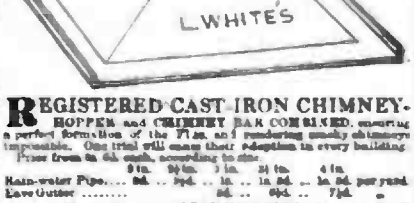
which is recommended for the simplicity of its construction, and the ease with which it works.

By the introduction of the vibrating standard, the cranework, carriage and expensive slings and guides are unnecessary, rendering the pump considerably less than pumps made on the old plan.

Beer and Water Engines for raising fluids from a depth not exceeding 30 feet; also, Garden Engines constructed on the same principle.

JOHN WARNER & SONS,
8, Cornwall, Jewin-street, London.
Manufacturers and Patentees.

IMPORTANT TO BUILDERS.



REGISTERED CAST-IRON CHIMNEY-HOPPER and CHIMNEY BAR COMBINED, ensuring a perfect formation of the Flue, and rendering smoky chimneys impossible. One trial will ensure their adoption in every building. Price from 6d. each, according to size.

	9 in.	6 in.	4½ in.	4 in.	
Rain-water Pipe	8d.	6½d.	5½d.	4½d.	per yard
Eave Gutter	8d.	6½d.	5½d.	4½d.	"

O. G. gutters, sash weights, STABLE FITTINGS, pumps, tomb railing, castle and pig troughs, and COLUMNS with caps and bases, and every kind of builders' castings, in stock, at LYNCH WHITE'S Iron Wharf, Upper Ground-street, London, near Blackfriars bridge.

CHURCH and TURRET BELLS cast to any weight, and tuned. Ship, plantation, hall, &c., clock, cup, and chock bells of any size.

MUSICAL HAND BELLS

Tuned to the chromatic scale, with improved stoppers, and rung on a new system, which gives a superior tone and facility for ringing.

Memorial Bronze Pulpit Lights, and Brackets, &c.

Old Bells re-cast or taken in exchange.

J. WARNER AND SONS,
BELL FOUNDERS,
ENGINEERS, &c.

CHURCH BELLS of the highest quality of tone and finish, at 1s. per lb. Peals of bells re-cast and augmented. House bells, with turned edges and wrought-iron clappers, at 1s½d. per lb. Clocks at proportionately reduced prices.—Apply to BARRETT and OSBORNE, Stokes-croft Foundry, Skinner-street, London.

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